



**Curriculum mapbook**  
**Computer**  
**1<sup>st</sup>.Prep – First Term 2023 - 2024**





## **the computer preparation book vision**

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally and thus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in an appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students

## **the computer preparation book mission**

- Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.**
- Creating an environment that stimulates learning and creativity to raise the level of students in computer science.**
- Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them**
- Choosing scientific methods and means in teaching and using technology to support and enhance And facilitating the educational process.**
- Use a presentation to explain the lesson, simplified and comprehensive, for all points of the lesson**
- Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals**
- Conclude the lesson in an appropriate and varied manner**

**Teacher**

.....

**Guider**

.....

**School manager**

.....



learning outcomes	current curriculum content	Strategy	Teachin gaids	calendar methods	Evidence and evidence	enrichment activities
<b>Unit One (Computer Basics and Operating system)</b>						
<ul style="list-style-type: none"> <li>Define the computer concept.</li> <li>Identify some modern computer types.</li> <li>Deduce the main components of the computer system.</li> </ul>	<b>Lesson 1 Computer Basics</b>	Brainstorming discussion – – cooperative learning	<b>Electronic board</b>	<b>Student's Book</b>	<b>Lesson preparation book</b>	<b>Do a research on the types of computers</b>
Differentiate between hardware and software.	<b>Lesson 2 Computer Basics</b>	practical training				<b>Search for devices</b>
State the kinds of the main memory.		Dialogue and discussion				
Show the job of the central processing unit		Problem solving				
Give the meaning of operating system.	<b>Lesson 3 Operating System</b>	Brainstorming				<b>search software</b>
Numerate the operating system jobs.		Dialogue and discussion				
Differentiate the different types of modern operating systems.						
Mention the similarities of Graphical user interface (GUI) elements of operating system.	<b>:Lesson 4 Graphical Operating Systems Interface</b>	Brainstorming				<b>Download Windows version</b>
Shares searches with colleagues on government websites		Critical thinking				
Understand the importance of operating systems for computers and smartphones		practical training				



· Identify the file and folder concept.	Lesson 5 Dealing with files and folders	Dialogue and discussion	Student's Book	Students note	that the student did with his classmates	Create files with students' names Determine the file type and properties		
· Identify the most important kinds of files.		practical training						
· Deal with the file (create, save, copy and cut		Problem solving						
· Identify the file and folder concept.	Lesson 6 Following Dealing with files and folders	cooperative learning						
· Understand the importance of files and folders to any operating system.		Dialogue and discussion						
· Deal with the folder (create, save, copy and cut)		practical training						
· Define the computer net concept.	Lesson 7 Computer Networks	Brainstorming						Network search work Program handling Gimp
· Identify types of computer nets.		Dialogue and discussion						
· Mention the importance of computer nets and its usage		Critical thinking						
Unit Two (Creating and Modifying Image)								
· Recognize program of creating and modifying images (Gimp)	Lesson 1 Image processing software	Brainstorming						
· Use the Help menu to identify the contents of the creating and		Dialogue and discussion						
modifying images program interface.		Problem solving						



Create a new image file.	Lesson 2 Following Image processing software	Practical Training	Presentation	Interact wi presentation	Oral questions	Complex graphic design
Design simple drawings.		Dialogue and discussion				
Save the image file and all its data using the option Save		Problem solving				
Draw a free shape.	Lesson 3 Following Image processing software	Brainstorming				Quad color gradients Professional image control
Design gradient color scheme.		Dialogue and discussion				
Copy part of the picture in the same layer.		Peer learning				
Move the image.	Lesson 4 Following Image processing software	Brainstorming				Create an image with layers
Cut the image.		Critical thinking				
Rotate image.		practical training				
Recognize the concept of image layers.	Lesson 5 Following Image processing software	Dialogue and discussion				Use a variety of filters
Be proficient in the use of the image layers to create an image.		practical training				
Modify an image using image layers.		Problem solving				
Identify the concept of Filters.	Lesson 6 Following Image processing software	Peer learning				
Identify how to use Filters.		Dialogue and discussion				
Change the appearance of an image using Filters.		practical training				

Differentiate between bitmap Images Raster and Vector Images	Lesson 7 Following Image processing software	Brainstorming	the text BOOK	calendar solution	Student's Book	
Recognize the color mode of the image (Image Mode).		Dialogue and discussion				Adjusting the color mode of the image
Modify one of the images Image Mode.		Critical thinking				
Design one of the painting.	Lesson 8 Following Image processing software	Brainstorming	the text BOOK	calendar solution	Student's Book	
Use some tools in the program.		Dialogue and discussion				
Create painting through layers		practical training				Do a research on the types of computers

